

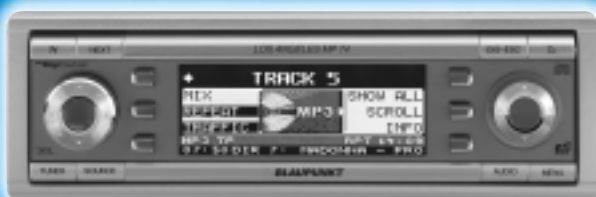


Radio / CD / MP3

Los Angeles MP74 US 7 644 816 310

Seattle MP74 US 7 644 811 310

Operating instructions



<http://www.blaupunkt.com>

 **BLAUPUNKT**

Caution:

The device's tuner is already configured at the factory for the North/South America region ("AREA USA"). If you are outside North/South America, please select the "AREA EUR" setting. For further details, please read the section entitled "Adjusting the tuner settings" in the "Radio mode" chapter.

Attention :

Le récepteur de l'autoradio est réglé par défaut sur la région Amérique du Nord / Amérique latine (« AREA USA »). Quand vous vous trouvez en dehors de l'Amérique du nord ou de l'Amérique latine, sélectionnez l'option « AREA EUR ». Pour plus d'informations, reportez-vous à la section « Réglage du tuner » du chapitre « Mode RADIO ».

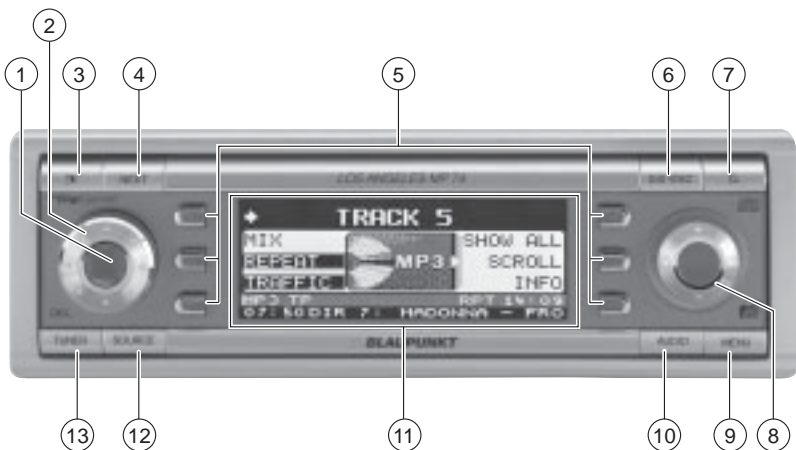
Atención:

El sintonizador del equipo sale de fábrica programado para la región de Norteamérica / Sudamérica ("AREA USA"). Si se encuentra fuera de la región de Norteamérica / Sudamérica, seleccione la opción "AREA EUR". Para más detalles, lea el punto "Ajustar el sintonizador" en el capítulo "Modo de radio".



Atenção:

O receptor do aparelho foi originalmente configurado para uso na região da América do Norte e Sul ("AREA USA"). Quando abandonar a área da América do Norte/Sul, escolha a configuração "AREA EUR". Para tal, leia o parágrafo "Configurar o sintonizador" no capítulo "Rádio".

Open here
Ouvrir s.v.p.
Por favor, abrir
Favor abrir



CONTROLS

- ① Button, to switch the device on/off, and mute the device's volume
- ② Volume control
- ③  button, to unlatch the detachable control panel
- ④ **NEXT** button to display the next pages of a menu, and switch memory banks in radio mode
- ⑤ Softkeys, the function of the softkeys depends on what is currently being displayed
- ⑥ **DIS•ESC** button to change the display content and close menus
- ⑦  button to open the detachable control panel (flip-release panel)
- ⑧ Joystick and **OK** button
- ⑨ **MENU** button to open the basic settings menu (short press)
Activate/deactivate demo mode (long press)
- ⑩ **AUDIO** button to adjust the bass, treble, balance, fader and X-BASS (short press)
To access the DEQ+ equalizer (long press).
- ⑪ Display
- ⑫ **SOURCE** button to start CD or CD-changer playback or play the Compact Drive MP3 (only if connected)
or
To play an external audio source (only if connected)
- ⑬ **TUNER** button, to activate radio mode
To access the radio functions menu (only possible in radio mode)

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Notes and accessories

Thank you for choosing a Blaupunkt product. We hope you enjoy using this new piece of equipment.

Please read these operating instructions before using the equipment for the first time.

The Blaupunkt editors are constantly working on making the operating instructions clearer and easier to understand. However, if you still have any questions on how to operate the device, please contact your dealer or the telephone hotline for your country. You will find the telephone number printed at the back of this booklet.

We provide a manufacturer guarantee for our products bought within the European Union. You can view the guarantee conditions at www.blaupunkt.de or ask for them directly at:

Blaupunkt GmbH
Hotline
Robert Bosch Str. 200
31139 Hildesheim
Germany

Road safety



Road safety has absolute priority. Only operate your car sound system if the road and traffic conditions allow you to do so. Familiarise yourself with the device before setting off on your journey.

You should always be able to hear police, fire and ambulance sirens in good time from inside your vehicle.

For this reason, listen to your car sound system at a suitable volume level during your journey.

Safety notice



The car sound system and the device's control panel (flip-release panel) heat up during use.

Therefore, when removing the flip-release panel, only hold it by its non-metallic surfaces. Allow the car sound system to cool down first if you want to uninstall the whole unit.

Installation

If you want to install your car sound system yourself, please read the installation and connection instructions that follow these operating instructions.

Accessories

Only use accessories approved by Blaupunkt.

Remote control

The RC 08, RC 10 or RC 10H remote controls (available as optional accessories) allow you to access most of the main functions of your car sound system safely and conveniently.

You cannot switch the device on/off using the remote control.

Amplifiers

You can use all Blaupunkt and Velocity amplifiers.

CD changers

You can obtain the following CD changers from accessory retailers for connection to this device: CDC A 03, CDC A 08 and IDC A 09.

Compact Drive MP3

You can connect the Compact Drive MP3 instead of a CD-changer in order to play MP3 music tracks. If you decide to connect a Compact Drive MP3, you will first need to use a computer to store the MP3 music tracks on the Microdrive™ hard disk that is inside the Compact Drive MP3. Then, when the Compact Drive MP3 is connected to the car sound system, you can play the tracks like normal CD music tracks.

The Compact Drive MP3 is operated in a similar way to a CD-changer. Most of the CD-changer functions can also be used with the Compact Drive MP3.

Activating / deactivating demo mode

The device is supplied from the factory with demo mode activated. The various functions of the device are displayed graphically as animations in the display during demo mode. You can also deactivate demo mode.

- ⇒ Press and hold down the **MENU** button (9) for longer than four seconds to activate/deactivate demo mode.

Theft protection

Detachable control panel

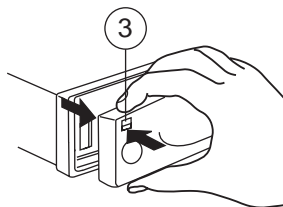
Your device is equipped with a detachable control panel (flip-release panel) as a theft protection measure.

The device is worthless to a thief without this control panel. Protect your device against theft by taking the control panel with you whenever you leave your vehicle. Do not leave the control panel inside your vehicle - not even in a hiding place. The control panel has been designed to be easy to use.

Note:

- Never drop the control panel.
- Never expose the control panel to direct sunlight or other heat sources.
- Store the control panel in the supplied case.
- Avoid direct skin contact with the control panel's electrical contacts. If necessary, clean the contacts with a lint-free cloth and some alcohol.

Detaching the control panel



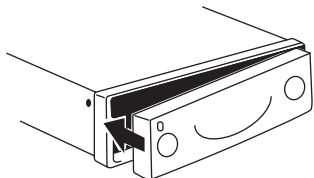
- ⇒ Press the **[V]** button (3).

The control panel latch mechanism opens.

- ⇨ First, pull the control panel straight off the device and then out towards the left.
- The device switches off after the control panel is detached.
- All the current settings are saved.
- Any CD already inserted in the device remains there.

Attaching the control panel

- ⇨ Slide the control panel from left to right into the device's guide.
- ⇨ Press the left edge of the control panel into the device until it clicks into place.



Note:

- When attaching the control panel, make sure you do not press the display.

Switching on/off

There are various ways of switching the device on/off.

Switching on/off using button

①

- ⇨ To switch on the device, press button ①.

The device switches on.

- ⇨ To switch off the device, press and hold down button ① for longer than two seconds.

The device switches off.

Switching on/off using the vehicle ignition

The device will switch on and off simultaneously with the ignition if it is connected correctly to the vehicle's ignition and if it was not previously switched off using button ①.

You can switch the device on even if the ignition is off.

- ⇨ Press button ①.

Note:

To protect the vehicle battery, the device will switch off automatically after one hour if the ignition is off.

ADJUSTING THE VOLUME

Adjusting the volume

You can adjust the volume in steps from 0 (off) to 50 (maximum).

- ⇒ To increase the volume, turn the volume control (2) clockwise.
- ⇒ To decrease the volume, turn the volume control (2) anticlockwise.

Setting the power-on volume


You can set the default volume level at which the device plays when it is switched on.

- ⇒ Press the **MENU** button (9).
- ⇒ Press the softkey (5) assigned to the "VOLUME" display item.
- ⇒ Press the softkey (5) assigned to the "ON VOL" display item.
- ⇒ Set the volume level that you want using the volume control (2).
- ⇒ Press the joystick **OK** (8) or the **MENU** button (9) to close the menu.

The settings are saved.

Note:

You can also set the power-on volume to be the same as the volume level that was active before you switched off the device. To do so, press the softkey assigned to the "LAST VOL" display item in the volume menu.

 Risk of injury! If the power-on volume is set to maximum, the volume level can be very high when the device is switched on.

If the volume was set to maximum before the device was switched off and the power-on volume is set to "LAST VOL", the volume level can be very high when the device is switched on again.

Severe damage to your hearing can be caused in both cases!

Volume mute

You can instantaneously reduce the volume (mute).

- ⇒ Briefly press button (1).

"MUTE" appears in the display.

Cancelling mute

- ⇒ Briefly press button (1) again.

or

- ⇒ turn the volume control (2).

Telephone audio / navigation audio

If your car sound system is connected to a mobile telephone and/or a navigation system, the sound system's volume will be muted as soon as you "pick up" the phone or as soon as a navigation announcement is made. You will then hear the caller or navigation announcement over the car sound system's loudspeakers. In order for this feature to work, the mobile telephone and the navigation system must be connected to the car sound system as described in the installation instructions.

You can find out from your Blaupunkt dealer which navigation systems can be used with your car sound system.

You can set the volume level at which telephone calls or navigation announcements will first be heard.

- ⇒ Press the **MENU** button (9).
- ⇒ Press the softkey (5) assigned to the "VOLUME" display item.
- ⇒ Press the softkey (5) assigned to the "PHONE" display item in order to adjust the volume.
- ⇒ Set the volume level that you want using the volume control (2).
- ⇒ Press the joystick **OK** (8) or the **MENU** button (9) to close the menu.

The settings are saved.

Note:

You can also adjust the volume during the telephone call or navigation announcement using the volume control (2).

Automatic sound

This feature automatically adjusts the volume of the car sound system to suit the speed at which the vehicle is travelling.

In order for this to work, your car sound system must be connected as described in the installation instructions.

The automatic volume boost can be set to six levels (0-5). "0" means no boost and "5" means maximum boost.

- ⇒ Press and hold down the **AUDIO** button (10) for longer than two seconds.
- "DEQ+ MENU" is displayed in the top line of the display.
- ⇒ Press the softkey (5) assigned to the "AUTO SND" display item.
 - ⇒ Move the joystick (8) up or down to select the setting that you want.
 - ⇒ Press the joystick **OK** (8) or the **AUDIO** button (10) to close the menu.

The settings are saved.

Note:

The optimum setting for the speed-dependent volume adjustment feature depends on how noise levels develop in your particular vehicle. You will need to test various settings in order to find out which is best suited to your vehicle.

SOUND AND VOLUME DISTRIBUTION SETTINGS

Sound and volume distribution settings

Note:

You can adjust the bass and treble individually for each audio source.

Adjusting the bass

⇒ Press the **AUDIO** button (10).

“AUDIO MENU” appears in the display.

⇒ Press the softkey (5) assigned to the “BASS” display item.

⇒ Move the joystick (8) up/right to boost the bass or move it down/left to reduce the bass.

When you have finished making your changes,

⇒ press the joystick **OK** (8) or the **AUDIO** button (10).

Adjusting the treble

⇒ Press the **AUDIO** button (10).

“AUDIO MENU” appears in the display.

⇒ Press the softkey (5) assigned to the “TREBLE” display item.

⇒ Move the joystick (8) up/right to boost the treble or move it down/left to reduce the treble.

When you have finished making your changes,

⇒ press the joystick **OK** (8) or the **AUDIO** button (10).

Adjusting the right/left volume distribution (balance)

⇒ To adjust the balance, press the **AUDIO** button (10).

“AUDIO MENU” appears in the display.

⇒ Press the softkey (5) assigned to the “BALANCE” display item.

⇒ Move the joystick (8) up/right or down/left to adjust the right/left volume distribution.

When you have finished making your changes,

⇒ press the joystick **OK** (8) or the **AUDIO** button (10).

Adjusting the front/back volume distribution (fader)

⇒ To adjust the fader, press the **AUDIO** button (10).

“AUDIO MENU” appears in the display.

⇒ Press the softkey (5) assigned to the “FADER” display item.

⇒ Move the joystick (8) up/right or down/left to adjust the front/back volume distribution.

When you have finished making your changes,

⇒ press the joystick **OK** (8) or the **AUDIO** button (10).

X-BASS

The X-BASS feature can be used to boost the bass at low volume levels. You can set the X-Bass boost for **one** of the following frequencies: 32 Hz, 40 Hz, 50 Hz, 63 Hz or 80 Hz in steps from 0 - 6. If you select the 0 setting, the X-Bass function will be deactivated.

⇒ Press the **AUDIO** button (10).

“AUDIO MENU” appears in the display.

⇒ Press the softkey (5) assigned to the “X-BASS” display item.

⇒ Move the joystick (8) left or right to select the frequency that you want to boost.

⇒ Move the joystick (8) up to boost the X-BASS or move it down to reduce the X-BASS.

When you have finished making your changes,

⇒ press the joystick **OK** (8) or the **AUDIO** button (10).

Adjusting the display settings

You can adjust the display settings to suit the installation position in your vehicle and your own preferences.

Adjusting the viewing angle

⇒ Press the **MENU** button (9).

⇒ Press the softkey (5) assigned to the “DISPLAY” display item.

⇒ Press the softkey (5) assigned to the “ANGLE” display item.

⇒ Move the joystick (8) up/right or down/left to adjust the viewing angle.

⇒ Press the joystick **OK** (8) or the **MENU** button (9) to close the menu.

The settings are saved.

Adjusting the display brightness

If your car sound system is connected as described in the installation instructions, the display brightness will change when the headlights are turned on/off. The display brightness can be adjusted separately for night and day in steps ranging from 1-16.

Daytime display brightness

⇒ Press the **MENU** button (9).

⇒ Press the softkey (5) assigned to the “DISPLAY” display item.

⇒ Press the softkey (5) assigned to the “BRIGHT” display item.

ADJUSTING THE DISPLAY SETTINGS

DAY and NIGHT are displayed in the top display line together with the currently set values.

- ⇒ Move the flashing selection marker behind DAY or NIGHT by pressing the joystick (8) to the left or right.
- ⇒ Set the value that you want. To do so, move the joystick (8) down or up.
- ⇒ Press the joystick **OK** (8) or the **MENU** button (9) to close the menu.

The settings are saved.

Setting the button illumination colour

You can choose the colour of the device's button illumination.

You can choose from 16 colours on the Los Angeles and 3 on the Seattle.

- ⇒ Press the **MENU** button (9).
- ⇒ Press the softkey (5) assigned to the "DISPLAY" display item.
- ⇒ Press the softkey (5) assigned to the "KEYCOLOR" display item.
- ⇒ Move the joystick (8) up/right or down/left to adjust the colour. A different colour is selected every time you move the joystick.
- ⇒ Press the joystick **OK** (8) or the **MENU** button (9) to close the menu.

The settings are saved.

Setting the display illumination colour (only Los Angeles MP74)

When setting the display illumination, you can choose one of four preset colours or mix a colour yourself from the RGB spectrum (red-green-blue) or select a colour during a colour scan.

Selecting a preset colour

Four different colours are already stored in the device. "Ocean" (blue), "Amber", "Sunset" (red-orange) and "Nature" (green) are available. Select a colour that best suits your vehicle interior.

- ⇒ Press the **MENU** button (9).
- ⇒ Press the softkey (5) assigned to the "DISPLAY" display item.
- ⇒ Press the softkey (5) assigned to the "COLOR" display item.
- ⇒ Press the softkey (5) assigned to the display item of the colour that you want.
- ⇒ Press the joystick **OK** (8) or the **MENU** button (9) to close the menu.

The settings are saved.

Mixing a colour for the display illumination

To customise the display illumination to suit your tastes you can mix a colour yourself using the three primary colours red, blue and green.

- ⇒ Press the **MENU** button (9).
- ⇒ Press the softkey (5) assigned to the "DISPLAY" display item.

- ⇒ Press the softkey (5) assigned to the "COLOR" display item.
- ⇒ Press the softkey (5) assigned to the "USER" display item.
- ⇒ In the following menu you can set the red, blue and green colour components yourself. To do so, press the appropriate softkey (5) repeatedly until the displayed colour suits your tastes.
- ⇒ Press the joystick **OK** (8) or the **MENU** button (9) to close the menu.

The settings are saved.

Selecting a display illumination colour during a colour scan

- ⇒ Press the **MENU** button (9).
- ⇒ Press the softkey (5) assigned to the "DISPLAY" display item.
- ⇒ Press the softkey (5) assigned to the "COLOR" display item.
- ⇒ Press the softkey (5) assigned to the "COL-SCAN" display item.

The device starts changing the display illumination colour.

- ⇒ If you want to select one of the colours, press the softkey (5) assigned to the "SAVE" display item.
- ⇒ If you want to switch back to the previous menu without changing the colour, press the softkey (5) assigned to the "BREAK" display item.

- ⇒ Press the joystick **OK** (8) or the **MENU** button (9) to close the menu.

The settings are saved.

Configuring the spectrum analyser

The spectrum analyser in your display provides a symbolic representation of the sound system's output level. If the spectrum analyser is switch on, it will appear automatically after a short time if you refrain from pressing a button whilst an audio source is playing.

You can also choose to deactivate the spectrum analyser.

Switching the spectrum analyser on/off

- ⇒ Press the **MENU** button (9).
- ⇒ Press the softkey (5) assigned to the "DISPLAY" display item.
- ⇒ Repeatedly press the softkey (5) assigned to the "SPECTRUM" display item until the "SPECTRUM OFF" or "SPECTRUM ON" setting that you want is displayed in the top display line.
- ⇒ Press the joystick **OK** (8) or the **MENU** button (9) to close the menu.

The settings are saved.

Inverting the appearance of the display content

You can invert the appearance of the display content.

- ⇒ Press the **MENU** button (9).
- ⇒ Press the softkey (5) assigned to the “DISPLAY” display item.
- ⇒ Press the softkey (5) assigned to the “INVERT” display item.
- ⇒ Press the joystick **OK** (8) or the **MENU** button (9) to close the menu.

The settings are saved.

Radio mode

This device is equipped with an RDS radio receiver. Many of the receivable FM stations broadcast a signal that not only carries the programme but also additional information such as the station name and programme type (PTY).

The station name appears in the display as soon as the tuner receives it. You can optionally display the programme type. For further details, please read the section entitled “Programme type (PTY)”.

Adjusting the tuner settings

To ensure that the tuner works properly, the device must be configured for the region in which you are using it. You can choose between Europe/ Asia/ Gulf States (AREA EUR) and North/South America (AREA USA). If you experience problems with radio reception, please check this setting.

- ⇒ Press the **MENU** button (9).
- ⇒ Press the softkey (5) assigned to the “TUNER” display item.
- ⇒ Press the softkey (5) assigned to the display item of the region that you want: “AREA EUR” or “AREA USA”.
- ⇒ Press the joystick **OK** (8) or the **MENU** button (9) to close the menu.

The settings are saved.

Switching to radio mode

If you are in CD/MP3 mode or CD-changer/Compact Drive MP3 mode,

⇨ press the **TUNER** button (13).

The main radio menu for tuning into a station is displayed. You can control the radio-mode functions in the radio functions menu. You can open the radio functions menu by pressing the **TUNER** button (13) again while in radio mode.

RDS function

The RDS function extends your radio's range of functions (only in FM radio mode). If the RDS function is activated, the device automatically tunes into the best receivable frequency for the station that is currently set.

Switching the RDS function on/off

To use the RDS function,

⇨ press the **TUNER** button (13) while in radio mode.

The radio functions menu appears in the display.

⇨ Repeatedly press the softkey (5) assigned to the "RDS" display item until the "RDS ON" or "RDS OFF" setting that you want is displayed.

To return to the main radio menu,

⇨ press the **TUNER** button (13) or the joystick **OK** (8).

The settings are saved.

Selecting the waveband / memory bank

You can use this device to receive programmes broadcast over the FM and AM wavebands. There are four memory banks for the FM waveband and three memory banks for the AM waveband.

Six stations can be stored in each memory bank.

Selecting the waveband

To select the FM or AM waveband,

⇨ press the **TUNER** button (13) while in radio mode.

The radio functions menu appears in the display.

⇨ Press the softkey (5) assigned to the "BAND" display item.

⇨ Press the softkey (5) assigned to the "FM" display item for the FM waveband.

⇨ Press the softkey (5) assigned to the "AM" display item for the AM waveband.

The main radio menu for the selected waveband is displayed.

Selecting the memory bank

To switch between the memory banks FM1, FM2, FM3, FMT or AM1, AM2, AMT,

⇨ press the **NEXT** button (4) repeatedly until the memory bank that you want is displayed.

The memory banks are accessed in the following order: FM1, FM2, FM3, FMT or AM1, AM2, AMT.

RADIO MODE

Tuning into a station

There are various ways of tuning into a station.

Automatic station seek tuning

- ⇒ Move the joystick (8) down or up.

The radio tunes into the next receivable station.

Tuning into stations manually

You can also tune into stations manually.

Note:

You can only tune into stations manually if the RDS function is deactivated.

- ⇒ Move the joystick (8) left or right.

Setting the sensitivity of station seek tuning

You can choose whether the radio should only tune into stations providing good reception or whether it can also tune into those with a weak reception.

- ⇒ Press the **TUNER** button (13) while in radio mode.

The radio functions menu appears in the display.

- ⇒ Press the **NEXT** button (4).

Note:

If you open the radio functions menu while in AM radio mode, the softkey assigned to the "SENS" display item will appear on the first page.

- ⇒ Press the softkey (5) assigned to the "SENS" display item.

- ⇒ Press the softkey (5) assigned to the "FM" or "AM" display item to adjust the sensitivity for "FM" or "AM".

- ⇒ Move the joystick (8) up/right or down/left to adjust the sensitivity.

You can adjust the sensitivity in steps from 1 to 6. "SENSITIVITY 1" is the lowest setting and "SENSITIVITY 6" is the highest sensitivity setting for distant stations.

- ⇒ Press the joystick **OK** (8) or the **MENU** button (9) to close the menu.

The settings are saved.

Scanning receivable stations (SCAN)

You can use the scan function to briefly play all the receivable stations.

You can set the scanning time to between 5 and 30 seconds in the menu.

Starting SCAN

- ⇒ Press and hold down the joystick **OK** (8) for longer than two seconds.

Scanning begins. "SCAN" appears briefly in the display followed by the current station name or frequency of the station.

Cancelling SCAN and continuing listening to a station

- ⇒ Press the joystick **OK** (8).

Scanning stops and the radio continues playing the station that it tuned into last.

Setting the scanning time

- ⇒ Press the **MENU** button (9).
- ⇒ Press the softkey (5) assigned to the “VARIOUS” display item.
- ⇒ Press the softkey (5) assigned to the “SCANTIME” display item.
- ⇒ Move the joystick (8) up/right or down/left to adjust the scanning time.
- ⇒ Press the joystick **OK** (8) or the **MENU** button (9) to close the menu.

The settings are saved.

Note:

- The scanning time that you set is also applied by the system to scanning carried out in CD/MP3 mode and CD-changer mode.

Storing stations

Storing stations manually

- ⇒ Select the memory bank that you want: FM1, FM2, FM3, FMT or AM1, AM2, AMT.
- ⇒ Tune into the station that you want as described in the section entitled “Tuning into a station”.
- ⇒ Press one of the six softkeys for longer than two seconds to assign the station to that softkey.

Storing stations automatically (Travelstore)

You can automatically store the six stations offering the best reception in the region. The stations are stored in the FMT or AMT memory bank.

Note:

Any stations that were previously stored in this memory bank are deleted in the process.

Starting the Travelstore function

- ⇒ Press the **TUNER** button (13) while in radio mode.

The radio functions menu appears in the display.

- ⇒ Press the softkey (5) assigned to the “T-STORE” display item.

The storing procedure begins. “TRAVEL STORE” appears in the display. After the process is completed, the radio will play the station that is stored in location 1 of the FMT (or AMT) memory bank.

Listening to stored stations

- ⇒ Select the memory bank or waveband.
- ⇒ Press the softkey (5) that is assigned to the station name or frequency of the station that you want to listen to.

RADIO MODE

Programme type (PTY)

Besides transmitting the station name, some FM stations also provide information on the type of programme that they are broadcasting. Your car radio can receive and display this information.

For example, the programme types can be:

CULTURE	TRAVEL	JAZZ
SPORT	NEWS	POP
ROCK	CLASSICS	

You can use the PTY function to select stations of a particular programme type.

Note:

If the tuner does not find a station that corresponds to the selected programme type, you will hear a beep and "NO PTY" appears briefly in the display. The radio will then retune to the station that it received last.

Activating PTY

To use the PTY function,

- ⇒ press the **TUNER** button (13) while in radio mode.

The radio functions menu appears in the display.

- ⇒ Press the **NEXT** button (4).
- ⇒ Press the softkey (5) assigned to the "PROG TYP" display item.

If PTY is activated, the display shows the current programme type. PTY lights up in the display. The programme types are displayed alongside the softkeys (5).

Deactivating PTY

To switch off the PTY function,

- ⇒ Whilst the programme types are being displayed, press the softkey (5) assigned to the "PTY OFF" display item.

Selecting a programme type and starting seek tuning

The PTY menu comprises several pages on which the known programme types are displayed. To browse through the PTY menu's pages,

- ⇒ press the **NEXT** button (4) repeatedly until the programme type that you want appears alongside one of the softkeys.
- ⇒ Press the softkey (5) assigned to the programme type that you want.
- ⇒ Move the joystick (8) up/right or down/left to start seek tuning.

The next receivable station corresponding to your selected programme type will then be tuned into.

If the tuner does not find a station that corresponds to the selected programme type, you will hear a beep and "NO PTY" appears briefly in the display. The radio will then retune to the station that it received last.

Note:

If you want to switch back to the programme types display,

- ⇒ open the second page of the radio functions menu again and press the softkey (5) assigned to the "PROG TYP" display item.

Optimising radio reception

Treble reduction feature during interference (HiCut)

The HiCut function has the effect of reducing interference noise during poor radio reception. If interference occurs, the system automatically reduces the treble thus reducing the interference level.

Setting HiCut

- ⇒ Press the **TUNER** button (13) while in radio mode.

The first page of the radio functions menu is displayed.

- ⇒ Press the **NEXT** button (4).
- ⇒ Repeatedly press the softkey (5) assigned to the "HIGH CUT" display item until the setting that you want appears in the display.

"HICUT 0" means that no automatic reduction of the treble and interference level will be made; "HICUT 2" means that a maximum reduction will be made.

- ⇒ Press the joystick **OK** (8) or the **TUNER** button (13) to close the menu.

The settings are saved.

Activating/deactivating the radio text display

Some stations use the RDS signal to broadcast scrolling texts known as radio texts. You can allow radio texts to be displayed or you can block them.

- ⇒ Press the **TUNER** button (13) while in radio mode.

The radio functions menu appears in the display.

- ⇒ Repeatedly press the softkey (5) assigned to the "R-TEXT" display item until the "RADIO TEXT ON" or "RADIO TEXT OFF" setting that you want is displayed.
- ⇒ Press the **TUNER** button (13) or the joystick **OK** (8).

The settings are saved.

CD MODE

CD mode

You can use this device to play standard CDs with a diameter of 12 cm. CD-Rs and CD-RWs (CDs that you have "burned" yourself) can generally also be played. Due to the varying quality of CD blanks, Blaupunkt cannot guarantee that this will work properly. To avoid problems when playing CDs, you should not burn CDs at speeds greater than 16-speed.

To ensure the system functions properly, only use CDs labelled with the compact disc logo. Problems might be experienced when trying to play copy-protected CDs. Blaupunkt cannot guarantee the proper functioning of copy-protected CDs!



Risk of severe damage to the CD drive! CD singles with a diameter of 8 cm and non-circular contoured CDs (shape CDs) must not be used. We accept no responsibility for any damage to the CD drive that may occur as a result of the use of unsuitable CDs.

Switching to CD mode and inserting a CD

- If there is no CD inserted in the device yet,

⇨ press the **▶** button (7).

The control panel opens out towards you.

⇨ Insert the CD with the printed side uppermost into the CD compartment.

The drive draws in the CD.

You must not hinder or assist the drive as it draws in the CD.

The control panel closes automatically.

The CD menu appears and the CD starts playing.

- If a CD is already inserted in the device,
⇨ press the **SOURCE** button (12) repeatedly until CD mode is displayed.

The CD menu appears and playback begins from the point at which it was last interrupted.

Ejecting a CD

⇨ press the **▶** button (7).

The control panel opens out towards you and the CD is ejected.

⇨ Carefully remove the CD.

⇨ Press the **▶** button (7).

The control panel closes.

Selecting tracks

⇨ Move the joystick (8) in one direction (up or right for the next track or down or left for the previous track) until the number of the track that you want appears in the display.

If you press the joystick (8) downwards once or to the left once, the current track will be played again from the beginning.

Fast searching (audible)

To fast search backwards or forwards,

- ⇨ press and hold down the joystick **OK** (8) in one direction (up or right for forwards or down or left for backwards) until fast searching begins.

Random track play (MIX)

- ⇨ Press the softkey (5) assigned to the "MIX" display item.

"MIX CD" appears briefly in the display. The next track to be played will be picked at random.

Cancelling MIX

- ⇨ Press the softkey (5) assigned to the "MIX" display item again.

"MIX OFF" appears briefly in the display.

Repeating tracks (REPEAT)

- ⇨ Press the softkey (5) assigned to the "REPEAT" display item.

"REPEAT TRACK" appears briefly in the display. The track is repeated continuously until you deactivate REPEAT.

Cancelling REPEAT

- ⇨ Press the softkey (5) assigned to the "REPEAT" display item again.

"REPEAT OFF" appears briefly in the display.

Normal playback is then resumed.

Scanning tracks (SCAN)

You can briefly play (scan) all the tracks on the CD.

- ⇨ Press and hold down the joystick **OK** (8) for longer than two seconds.

The subsequent tracks on the CD are briefly played in ascending order.

Note:

- You can set the scanning time. For further details, please read the section entitled "Setting the scanning time" in the "Radio mode" chapter.

Cancelling SCAN and continuing listening to a track

To cancel scanning,

- ⇨ press the joystick **OK** (8).

The currently scanned track will then continue to be played normally.

Displaying CD text

Some CDs include CD text. The CD text might contain the names of the artist, album and tracks.

You can allow the CD text to be displayed as scrolling text in the bottom line of the display every time you switch to another track.

If the inserted CD does not contain any CD text, "NO TEXT" will appear briefly in the display if the CD text feature is activated.

Switching CD text on/off

- ⇒ Repeatedly press the softkey **(5)** assigned to the “TEXT” display item until “CD TEXT ON” or “CD TEXT OFF” is displayed.

Setting scrolling text

You can allow the CD text to be displayed as scrolling text in the bottom line of the display.

Switching CD scrolling text on/off

- ⇒ Repeatedly press the softkey **(5)** assigned to the “SCROLL” display item until “SCROLL ON” or “SCROLL OFF” is displayed.

MP3 mode

You can also use this car sound system to play CD-Rs and CD-RWs that contain MP3 music files.

Preparing an MP3-CD

The various combinations of CD burners, CD burning software and CD blanks may lead to problems arising with the device's ability to play certain CDs. If problems occur with your own burned CDs, you should try another brand of CD blank or choose another colour of CD blank. To avoid problems when playing CDs, you should not burn CDs at speeds greater than 16-speed.

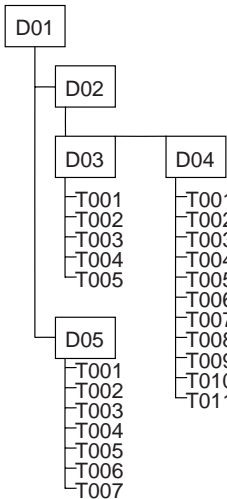
The format of the CD must be ISO 9660 Level 1 or Level 2 or Joliet. Other formats cannot be played reliably.

Avoid multi-sessions. If you write more than one session to the CD, only the first session will be detected.

You can create a maximum of 127 directories on a CD. You can use this device to access each of these directories.

Each directory can in turn contain up to 254 tracks and subdirectories that can also be accessed. A maximum of 8 levels of directories are allowed.

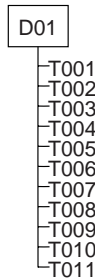
Fig. 1



Since using some burner software can lead to inconsistencies in the way items are numbered, you should ensure that the root directory D01 either contains only subdirectories containing tracks (Fig. 1) or only tracks (Fig. 2).

You can name each directory using a PC. The device is capable of displaying the directory name. Name the directories and tracks using your CD burner software. The software's instruction manual will provide details on how to do this.

Fig. 2

**Note:**

- When naming directories and tracks you should avoid using accents and special characters.

If you like your files to be in the correct order, you should use burner software that places files in alphanumerical order. If your software does not provide this feature you also have the option of sorting the files manually. To do so, you should place a number (e.g. "001", "002", etc.) at the beginning of each file name - you must include the leading zeros.

MP3 tracks can contain additional information such as the artist, album and track names (ID3 tags). This device can display version 1 ID3 tags.

This device can only play MP3 files that have the ".MP3" file extension.

Note:

To ensure uninterrupted playback,

- do not try changing the file extension to ".MP3" of any files other than MP3 files and then attempt to play them!
- Do not use "mixed" CDs containing both non-MP3 data and MP3 tracks.
- Do not use mix-mode CDs containing both audio tracks and MP3 tracks.

Switching to MP3 mode

MP3 mode is activated in the same way as normal CD mode. For further details, please read the section entitled "Switching to CD mode / Inserting a CD" in the "CD mode" chapter.

MP3 MODE

Selecting a directory

Selecting from the directory list

You can display a list of all the directories on the inserted CD and then conveniently select a directory from it. The directories are displayed with the names that you created when burning the CD.

- ⇒ Press the **NEXT** button (4) whilst an MP3 is playing.

The track list is displayed for the current directory.

- ⇒ Move the joystick (8) to the left or right to switch to the directory list.
- ⇒ Press the joystick (8) up or down to browse through the list.
- ⇒ If you want to select a directory from the list, move the selection marker to the directory that you want and press the joystick **OK** (8).

The list of tracks in the selected directory is displayed.

- ⇒ Move the selection marker to the track that you want and press the joystick **OK** (8).
- ⇒ Press the **NEXT** button (4) to display the main MP3 menu again.

Selecting a directory using the joystick

To move up or down to another directory,

- ⇒ repeatedly press the joystick (8) up or down until the number of the directory that you want appears at the very beginning of the top line of the display.

Note:

- Any directories not containing MP3 files will be skipped automatically. If, for instance, you are listening to tracks in directory D01 and you select the next directory by pressing the joystick (8), directory D02 (which does not contain any MP3 tracks) will be skipped and D03 will be played (see diagram). The display will then automatically switch from "D02" to "D03".

Selecting tracks

Selecting tracks from a track list

You can display a list of all the tracks in the current directory and then conveniently select a track from it.

- ⇒ To display the track list, press the **NEXT** button (4).
- ⇒ Press the joystick (8) up or down to browse through the track list.
- ⇒ If you want to select a track from the list, move the selection marker to the track that you want and press the joystick **OK** (8).
- ⇒ Press the **NEXT** button (4) to display the main MP3 menu again.

Selecting tracks using the joystick

To move up or down to another track in the current directory,

- ⇒ move the joystick (8) to the right for the next track or to the left for the previous track until the number of the track that you want appears in the display.

If you press the joystick (8) to the left once, the current track will be played again from the beginning.

Fast searching (audible)

To fast search backwards or forwards,

- ⇨ press and hold down the joystick (8) to the left or right until fast searching backwards/forwards begins.

Scanning tracks (SCAN)

You can briefly play (scan) all the tracks on the CD.

- ⇨ Press and hold down the joystick **OK** (8) for longer than two seconds.

The subsequent tracks on the CD are briefly played in ascending order.

Note:

- You can set the scanning time. For further details, please read the section entitled "Setting the scanning time" in the "Radio mode" chapter.

Cancelling SCAN and continuing listening to a track

To cancel scanning,

- ⇨ press the joystick **OK** (8).

The currently scanned track will then continue to be played normally.

Random track play (MIX)

To play the tracks in the current directory in random order,

- ⇨ press the softkey (5) assigned to the "MIX" display item.

"MIX DIR" appears in the display.

To play the tracks contained in all the directories on the inserted MP3-CD in random order,

- ⇨ press the softkey (5) assigned to the "MIX" display item again.

"MIX CD" appears in the display.

Cancelling MIX

To cancel MIX,

- ⇨ repeatedly press the softkey (5) assigned to the "MIX" display item until "MIX OFF" appears in the display.

Repeating individual tracks or whole directories (REPEAT)

- ⇨ Press the softkey (5) assigned to the "REPEAT" display item.

"REPEAT TRACK" appears briefly in the display.

To repeat the whole directory,

- ⇨ press the softkey (5) assigned to the "REPEAT" display item again.

"REPEAT DIR" appears briefly in the display.

Cancelling REPEAT

To stop the current track or current directory from being repeated,

- ⇨ repeatedly press the softkey (5) that is assigned to the "REPEAT" display item until "REPEAT OFF" appears briefly in the display.

MP3 MODE

Configuring the display

There are various options available for displaying the name of the artist, track and album (ID3 tag) or the directory and file name. The information contained in the ID3 tag (album, artist and track) can only be displayed if it was saved when the CD and MP3 file were created.

The track name is always displayed in the top line of the display during playback. The track name appears once as scrolling text after a track change and is then abbreviated to 16 characters and displayed.

Note:

If the track name is not available in the ID3 tag, the system will display the file name instead.

You can choose between different items of information to be displayed in the bottom line of the display (info line).

Selecting information in the info line

In the bottom line of the display (info line) you can choose between displaying the various items of MP3 information such as track, artist, album or directory number (DIR) / file name.

⇒ Repeatedly press the softkey **5** assigned to the "INFO" display item until the display that you want appears in the bottom line of the display.

Note:

If the information on the artist, track and album is not available in the form of an ID3 tag, you will not be able to select it.

Displaying all of the information for a file once

To display all of the available information for a track as well as the directory name and file name (info displayed once as scrolling text),

⇒ press the softkey **5** assigned to the "SHOW ALL" display item.

If available, the information is displayed once as scrolling text in the info line. "SHOW ALL" flashes in the display whilst the information is being shown.

Setting scrolling text

You can choose whether you want the display that you set under "Selecting information in the info line" to appear as scrolling text ("SCROLL ON") or only once ("SCROLL OFF").

⇒ Repeatedly press the softkey **5** assigned to the "SCROLL" display item until the setting that you want appears.

CD-changer mode (optional)

To find out which CD changers / Compact Drive MP3 can be used with this device, please refer to the "Accessories" chapter in these instructions or contact your Blaupunkt dealer.

Note:

Information on handling CDs, inserting CDs and operating the CD changer can be found in the operating instructions supplied with your CD changer.

Information on using the Compact Drive MP3 and recording music tracks onto the Compact Drive MP3's Microdrive™ hard disk can be found in the operating instructions supplied with the Compact Drive MP3.

Switching to CD-changer mode

- ⇒ Press the **SOURCE** button (12) repeatedly until the CD-changer menu is displayed.

Playback continues from the point at which it was last interrupted.

If the magazine was removed from the CD changer and then replaced, the CD magazine will first be scanned, and playback will begin from the first track on the first CD that the CD changer detects.

Selecting CDs

To move up or down to another CD,

- ⇒ press the softkey (5) assigned to the display item of the CD that you want (CD1 - CD10). To do so you might need to switch "pages" in the main CD-changer menu by pressing the softkey (5) assigned to the "NEXT" or "PREVIOUS" display item.

or

- ⇒ repeatedly press the joystick (8) up or down until the number of the CD that you want appears in the display.

Selecting tracks

To move down or up to another track on the current CD,

- ⇒ repeatedly press the joystick (8) to the left or right until the number of the track that you want is displayed.

If you press the joystick (8) once to the left, the current track will be played again from the beginning.

Fast searching (audible)

To fast search forwards or backwards,

- ⇒ press and hold down the joystick (8) to the left or right until fast searching backwards/forwards begins.

CD-CHANGER MODE

Scanning tracks (SCAN)

You can briefly play (scan) all the tracks on the CD.

- ⇒ Press and hold down the joystick **OK** (8) for longer than two seconds.

The subsequent tracks on the CD are briefly played in ascending order.

Note:

- You can set the scanning time. For further details, please read the section entitled "Setting the scanning time" in the "Radio mode" chapter.

Cancelling SCAN and continuing listening to a track

To cancel scanning,

- ⇒ press the joystick **OK** (8).

The currently scanned track will then continue to be played normally.

Repeating individual tracks or whole CDs (REPEAT)

To repeat the current track,

- ⇒ press the **NEXT** button (4).

The CD-changer functions menu appears.

- ⇒ Press the softkey (5) assigned to the "REPEAT" display item.

"REPEAT TRACK" appears briefly in the display.

To repeat the whole CD,

- ⇒ press the softkey (5) assigned to the "REPEAT" display item again whilst the CD-changer functions menu is being displayed.

"REPEAT CD" appears briefly in the display.

Cancelling REPEAT

To stop the current track or current CD from being repeated,

- ⇒ repeatedly press the softkey (5) assigned to the "REPEAT" display item again (whilst the CD-changer functions menu is being displayed) until "REPEAT OFF" appears briefly in the display.

Random track play (MIX)

To play the tracks on the current CD in random order,

- ⇒ press the **NEXT** button (4).

The CD-changer functions menu appears.

- ⇒ Press the softkey (5) assigned to the "MIX" display item.

"MIX CD" appears in the display.

To play all the tracks on all inserted CDs in random order,

- ⇒ press the softkey (5) assigned to the "MIX" display item again.

"MIX ALL" appears in the display.

Cancelling MIX

To cancel MIX,

- ⇒ repeatedly press the softkey (5) assigned to the "MIX" display item until "MIX OFF" appears briefly in the display.

Naming CDs

The car sound system allows you to assign names for up to 99 CDs (not with the Compact Drive MP3) so that you can recognise them more easily. The names can be a maximum of seven characters long.

“FULL” will appear in the display if you try assigning more than 99 names.

Entering/editing CD names

- ⇒ Listen to the CD that you want to name.
- ⇒ Press the **NEXT** button (4).

The CD-changer functions menu appears.

- ⇒ Press the softkey (5) assigned to the “CD NAME” display item.

The current name of the CD is displayed in the top line of the display. If the CD has not been named yet, seven underscores “_” will be displayed instead.

- ⇒ Press the softkey (5) assigned to the “EDIT” display item.

You will now enter edit mode. The first input position flashes.

- ⇒ Move the joystick (8) up or down to select the character that you want. If you want an empty space, simply select the underscore.
- ⇒ Move the joystick (8) to the left or right to change the input position.
- ⇒ To save the name, press the joystick **OK** (8).

Deleting a CD name

- ⇒ Listen to the CD whose name you want to delete.
- ⇒ Press the **NEXT** button (4).

The CD-changer functions menu appears.

- ⇒ Press the softkey (5) assigned to the “CD NAME” display item.
- ⇒ Press and hold down the softkey (5) assigned to the “CLEAR CD” display item for longer than two seconds.

The CD name will be deleted.

Deleting all CD names

- ⇒ Listen to a CD.
- ⇒ Press the **NEXT** button (4).

The CD-changer functions menu appears.

- ⇒ Press the softkey (5) assigned to the “CD NAME” display item.
- ⇒ Press and hold down the softkey (5) assigned to the “CLEAR ALL” display item for longer than two seconds.

The CD names will be deleted.

Note:

This function is not available for the Compact Drive MP3. If you use this function with the Compact Drive MP3, “CDC CLEAR” is displayed for 45 seconds. You will not be able operate the device during this time period.

CLOCK TIME

CLOCK time

Setting the clock time

The clock can be set automatically using the RDS signal. You can also set the clock manually if you cannot receive a radio station that supports this feature.

Setting the clock automatically

To set the clock automatically,

- ⇨ press the **MENU** button (9).
- ⇨ Press the softkey (5) assigned to the "CLOCK" display item.
- ⇨ Repeatedly press the softkey (5) assigned to the "AUTOSYNC" display item until "AUTOSYNC ON" appears in the display.

"AUTOSYNC ON" means that the clock is set automatically using the RDS signal.

Setting the clock manually

- ⇨ To set the clock, press the **MENU** button (9).
- ⇨ Press the softkey (5) assigned to the "CLOCK" display item.
- ⇨ Press the softkey (5) assigned to the "TIME" display item.

The hours and minutes are displayed in the top line of the display. The hours flash.

- ⇨ Adjust the hours by moving the joystick (8) up or down.

To adjust the minutes,

- ⇨ press the joystick (8) to the right.

The minutes flash.

- ⇨ Adjust the minutes by moving the joystick (8) up or down.

- ⇨ Press the joystick **OK** (8) or the **MENU** button (9) to close the menu.

The settings are saved.

Setting the date

To set the date,

- ⇨ press the **MENU** button (9).
- ⇨ Press the softkey (5) assigned to the "CLOCK" display item.
- ⇨ Press the softkey (5) assigned to the "DATE" display item.

The year (YY), month (MM) and day (DD) appear in the top line of the display.

The input position for year flashes.

- ⇨ Set the year (e.g. "04" for 2004) by moving the joystick (8) up or down.
- ⇨ Move the joystick (8) to the right to switch the input position to month.
- ⇨ Set the month by moving the joystick (8) up or down.
- ⇨ Press the joystick (8) to the right to switch the input position to day.
- ⇨ Set the day by moving the joystick (8) up or down.

- ⇨ Press the joystick **OK** (8) or the **MENU** button (9) to close the menu.

The settings are saved.

Displaying the clock time continuously

You can make the system display the clock time when the device is off and the vehicle ignition is on.

- ⇒ Press the **MENU** button (9).
- ⇒ Press the softkey (5) assigned to the "CLOCK" display item.
- ⇒ Press the softkey (5) assigned to the "OFFCLOCK" display item.

"SHOW CLOCK" means that the clock time will be displayed; "HIDE CLOCK" means it will not be displayed.

Equalizer

This device is equipped with a DEQ Max digital equalizer. It provides you with three self-calibrating 5-band equalizers and five sound presets.

The EQ1 - EQ3 equalizers can be calibrated automatically with the help of the special calibration microphone (only included with the Los Angeles MP74). If you like, you can then adjust the automatically ascertained values manually.

Furthermore, you can also configure all of the equalizer settings manually.

The following bands are available:

- LOW 1 20 - 250 Hz
- LOW 2 20 - 250 Hz
- HIGH 1 315 - 20 000 Hz
- HIGH 2 315 - 20 000 Hz
- HIGH 3 315 - 20 000 Hz

You can adjust the level for one frequency of a band in steps of 25 ranging from -12 dB to +12 dB. In addition, you can set the quality factor "Q" in three steps ranging from 1 to 3.

EQUALIZER

Switching the equalizer on/off

To switch the equalizer on/off,

- ⇨ press and hold down the **AUDIO** button ⑩ for longer than two seconds.

The equalizer menu appears in the display.

To activate the equalizer,

- ⇨ press the softkey ⑤ assigned to the "USER" or "PRESET" display item and select an equalizer.

To deactivate the equalizer,

- ⇨ press the softkey ⑤ assigned to the "OFF" display item.

Automatically calibrating the equalizer

You can electronically calibrate and store values for three different situations.

EQ 1 for the driver only

EQ 2 for the driver and front passenger

EQ 3 for the front and rear occupants

Hold the calibration microphone in the appropriate position whilst calibration is taking place.

The position of the calibration microphone for situation 1 (e.g. for the driver alone) is at the height of the driver's head.

For situation 2, the calibration microphone should be positioned between the driver and the front passenger.

For Situation 3, it should be placed at the centre of the vehicle interior (left/right, front/back).

Really quiet surroundings are required for the calibration. Any extraneous noise will distort the measured values.

Note:

During calibration, the temperature inside the vehicle must not exceed 55 °C since this could lead to falsified measurements.

The sound radiating from the loudspeakers must not be obstructed by any objects. All the loudspeakers must be connected. The microphone must be connected to the device.

The microphone that you need is supplied with the Los Angeles MP74. If you have a Seattle MP74, you can obtain the microphone from retailers.

To calibrate an equalizer,

- ⇨ press and hold down the **AUDIO** button ⑩ for longer than two seconds.
- ⇨ Press the softkey ⑤ assigned to the "USER EQ" display item.
- ⇨ Press the softkey ⑤ assigned to the display item of the equalizer ("EQ-1", "EQ-2" or "EQ-3") that you want to set up.
- ⇨ Press the softkey ⑤ assigned to the "AUTO" display item.

A countdown is shown in the display. Afterwards you will hear a test sound and calibration begins.

Note:

Follow the instructions shown in the display during calibration!

- ⇨ Proceed as described for all the equalizers.

Selecting an equalizer

After calibration has taken place or after you have finished making manual adjustments,

- ⇨ press and hold down the **AUDIO** button (10) for longer than two seconds.
- ⇨ Press the softkey (5) assigned to the "USER EQ" display item.
- ⇨ Select one of the equalizers ("EQ1", "EQ2" or "EQ3") using the corresponding softkeys (5).
- ⇨ Press the joystick **OK** (8) or the **AUDIO** button (10) to close the menu.

The settings are saved.

Selecting sound presets

You can select sound presets for the following music types.

- VOCAL
- DISCO
- ROCK
- JAZZ
- CLASSIC

The settings for these music styles have already been programmed.

- ⇨ Press and hold down the **AUDIO** button (10) for longer than two seconds.
- ⇨ Press the softkey (5) assigned to the "PRESET" display item.

- ⇨ Select one of the presets using the corresponding softkeys (5).
- ⇨ Press the joystick **OK** (8) or the **AUDIO** button (10) to close the menu.

The settings are saved.

Manually adjusting the equalizer

Notes on adjusting the settings

We recommend you use a CD that you are familiar with for making changes to the settings.

Before adjusting the equalizer, set the sound and volume distribution settings to zero and deactivate X-BASS. For further details, refer to the chapter entitled "Sound and volume distribution".

- ⇨ Listen to a CD.
- ⇨ What kind of impression does the sound make?
- ⇨ Now refer to the "Sound impression" column in the table entitled "Help adjusting the equalizer".
- ⇨ Adjust the equalizer values as described in the "Measures" column.

EQUALIZER

Making adjustments

- ⇒ Press and hold down the **AUDIO** button (10) for longer than two seconds.
- ⇒ Press the softkey (5) assigned to the "USER" display item.
- ⇒ Press the softkey (5) assigned to the display item of the equalizer ("EQ-1", "EQ-2" or "EQ-3") whose settings you want to change.
- ⇒ Press the softkey (5) assigned to the display item of the equalizer band ("LOW1", "LOW2", "HIGH1", "HIGH2" or "HIGH3") whose setting you want to change.

The top line displays the frequency in Hz, the level in dB and the quality factor "Q".

To select the frequency,

- ⇒ repeatedly press the joystick (8) to the left or right until the frequency flashes.
- ⇒ Adjust the frequency that you want to change by pressing the joystick (8) up or down.

To adjust the level,

- ⇒ repeatedly press the joystick (8) to the left or right until the level displayed in front of "dB" flashes.
- ⇒ Adjust the level for the frequency by pressing the joystick (8) up or down.

You can use the quality factor to adjust the width of the filter. The higher you set the value for the quality factor the more directly the filter will be applied to the selected frequency.

To adjust the quality factor,

- ⇒ repeatedly press the joystick (8) to the left or right until the quality factor displayed after "Q" flashes.
- ⇒ Adjust the quality factor by pressing the joystick (8) up or down.

Note:

Proceed in the same way with all the frequencies that you want to adjust.

- ⇒ Press the joystick **OK** (8) or the **AUDIO** button (10) to close the menu.

The settings are saved.

Help adjusting the equalizer

Sound Impression / problem	Measures
Bass sound is too weak	Increase bass with Frequency: 32 to 160 Hz Level: +4 to +6 dB
Dirty bass Booming sound Unpleasant pressure	Reduce the lower mid level with Frequency: 400 Hz Level: approx. -4 dB
Sound very much in the foreground, aggressive, no stereo effect.	Reduce the mid level with Frequency: 1000 to 2500 Hz Level: -4 to -6 dB
Dull sound Little clarity No brilliance to the instruments	Boost the treble range with Frequency: 6300 to 10000 Hz Level: +2 to +4 dB

Amplifier/sub-out

The car sound system provides connections that allow you to connect external amplifiers. You can also connect a subwoofer to the device's integrated low-pass filter. In order for this to work, the amplifier and subwoofer must be connected in the manner described in the installation instructions. We recommend you use well-matched products from the Blaupunkt or Velocity product ranges.

Switching the internal amplifier on/off

If you use external amplifiers, you can switch off the device's internal amplifier ("INTERNAL AMP OFF" setting).

Note:

- Please check this setting if the loudspeakers do not emit any sound.
- ⇒ Press the **MENU** button (9).
- ⇒ Press the softkey (5) assigned to the "VARIOUS" display item.
- ⇒ Repeatedly press the softkey (5) assigned to the "AMP ON" display item until the "INTERNAL AMP ON" or "INTERNAL AMP OFF" setting that you want is displayed. The "AMP ON" softkey will be displayed with a dark background if the internal amplifier is switched on.
- ⇒ Press the joystick **OK** (8) or the **MENU** button (9) to close the menu.

The settings are saved.

External audio sources

You can connect up to two external audio sources to the device. Audio sources can, for example, be portable CD players, MiniDisc players or MP3 players.

You can connect the first external audio source (AUX1) **instead** of a CD changer.

You can connect the second external audio source (AUX2) **in addition** to the CD changer or AUX1.

In order to be able to use the AUX inputs, you must activate them in the set-up menu.

If you want to connect an external audio source, you will need an adapter cable. You can obtain this cable from a Blaupunkt dealer.

Switching the AUX input on/off

- ⇒ Press the **MENU** button (9).
- ⇒ Press the softkey (5) assigned to the "AUX" display item.

The AUX menu is displayed.

- ⇒ Press the softkey (5) assigned to the "AUX1" display item if no CD changer is connected and you want to connect an external audio source.
- By pressing the "AUX1" softkey you can switch between the "AUXILIARY 1 ON" and "AUXILIARY 1 OFF" settings.

- ⇒ Press the softkey (5) assigned to the “AUX2” display item. By pressing the “AUX2” softkey you can switch between the “AUXILIARY 2 ON” and “AUXILIARY 2 OFF” settings.

Note:

- If a CD changer is connected, you cannot change the “AUX1” input.
- ⇒ Press the joystick **OK** (8) or the **MENU** button (9) to close the menu.

The settings are saved.

Note:

- If the AUX inputs are activated, you can select them by pressing the **SOURCE** button (12).

Naming the AUX input

You can give each AUX input a name so you can recognise them more easily when selecting them using the **SOURCE** button (12) (e.g. you can give them the device names that they are connected to).

- ⇒ Press the **MENU** button (9).
- ⇒ Press the softkey (5) assigned to the “AUX” display item.

The AUX menu is displayed.

- ⇒ Press the softkey (5) assigned to the “EDIT” display item under “AUX1” or “AUX2”.

The default text for the selected input appears in the display. The text input marker flashes at the beginning of the line.

To enter a name,

- ⇒ press the joystick (8) to the left or right to move the input marker.
- ⇒ Enter the letter that you want by pressing the joystick (8) up or down.
- ⇒ Once you have finished entering the name, press the joystick **OK** (8) or the **MENU** button (9) to close the menu.

The settings are saved.

Entering the power-on message

After you switch on your device, the system displays a scrolling message in the display. The factory default for this text is "BLAUPUNKT-THE ADVANTAGE IN YOUR CAR". Instead of this you can enter your own text up to 35 characters long.

- ⇒ Press the **MENU** button (9).
- ⇒ Press the softkey (5) assigned to the "VARIOUS" display item.
- ⇒ Press the softkey (5) assigned to the "ON MSG" display item.

The default text for the power-on message appears in the display. The text input marker flashes at the beginning of the line.

To enter a different text,

- ⇒ press the joystick (8) to the left or right to move the input marker.
- ⇒ Enter the letter that you want by pressing the joystick (8) up or down.
- ⇒ Once you have finished entering the message, press the joystick **OK** (8) or the **MENU** button (9) to close the menu.

The settings are saved.

Displaying the serial number

You can display the device's serial number.

- ⇒ Press the **MENU** button (9).
- ⇒ Press the softkey (5) assigned to the "VARIOUS" display item.
- ⇒ Press the softkey (5) assigned to the "SER NUM" display item.

The device's serial number will be displayed in the top line of the display.

- ⇒ Press the joystick **OK** (8) or the **MENU** button (9) to close the menu.

Resetting the device

You can reset the device to its factory default settings. All custom settings will then be cleared.

- ⇒ Press the **MENU** button (9).
- ⇒ Press the softkey (5) assigned to the "VARIOUS" display item.
- ⇒ Press and hold down the softkey (5) assigned to the "NORMSET" display item for longer than two seconds.

The device will switch off and then back on again automatically.

Specifications

Amplifier

Output power: 4 x 18 watts sine at 14.4 V and 1% distortion factor at 4 ohms.
4 x 26 watts sine in accordance with DIN 45324 at 14.4 V at 4 ohms.
4 x 50 watts max. power

Tuner

Wavebands:

FM : 87.7 – 107.9 MHz
AM : 530 – 1 710 kHz

FM frequency response:

20 - 16,000 Hz

CD

Frequency response:

15 - 20,000 Hz

Pre-amp out

4 channels: 4 V / < 1 k Ω

AUX input

Input sensitivity: 1.2 V / 10 k Ω

Subject to changes!

Service numbers / Numéros du service après-vente / Números de servicio / Número de serviço

Country:	Phone:	Fax:	WWW:
Germany	(D) 0180-5000225	05121-49 4002	http://www.blaupunkt.com
Austria	(A) 01-610 390	01-610 393 91	
Belgium	(B) 02-525 5454	02-525 5263	
Denmark	(DK) 44 898 360	44-898 644	
Finland	(FIN) 09-435 991	09-435 99236	
France	(F) 01-4010 7007	01-4010 7320	
Great Britain	(GB) 01-89583 8880	01-89583 8394	
Greece	(GR) 0030-210 94 27 337	0030-210 94 12 711	
Ireland	(IRL) 01-4149400	01-4598830	
Italy	(I) 02-369 62331	02-369 62464	
Luxembourg	(L) 40 4078	40 2085	
Netherlands	(NL) 023-565 6348	023-565 6331	
Norway	(N) 66-817 000	66-817 157	
Portugal	(P) 01-2185 00144	01-2185 11111	
Spain	(E) 902-120234	916-467952	
Sweden	(S) 08-7501500	08-7501810	
Switzerland	(CH) 01-8471644	01-8471650	
Czech. Rep.	(CZ) 02-6130 0441	02-6130 0514	
Hungary	(H) 01-333 9575	01-324 8756	
Poland	(PL) 0800-118922	022-8771260	
Turkey	(TR) 0212-3350677	0212-3460040	
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